

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Irene BOZZONI et al.

Conf.

Application No. **NEW NATIONAL PHASE**

Group

Filed January 6, 2005

Examiner

PURIFICATION, CLONING AND BIOCHEMICAL CHARACTERIZATION OF XendoU,
ENDORIBONUCLEASIC ACTIVITY INVOLVED IN SMALL NUCLEAR RNA SPLICING-
INDEPENDENT BIOSYNTHESIS IN XENOPUS LAEVIS

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION CONCURRENT WITH THE
FILING OF A NEW PATENT APPLICATION)

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

January 6, 2005

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, and in fulfillment of the duty of disclosure under 37 C.F.R. § 1.56, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- ☐ Copies of the U.S. patents or publications are not submitted since the USPTO has waived their submission for applications filed after June 30, 2003.
- ☒ Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☐ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should have been forwarded from the International Search Authority pursuant to the trilateral agreement between the USPTO, EPO and JPO, or they are U.S. patents or U.S. published applications. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)BY  PCT/PTO 06 JAN 2005a. ☐ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached non U.S. patents, non U.S. patent application publications, foreign publications, or other information in the English language do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☒ **FOREIGN SEARCH REPORT OR ACTION**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

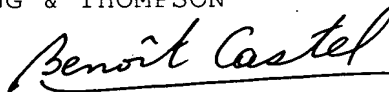
FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned.

Respectfully submitted,

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Enclosures: ☒ Form PTO-1449(s)
☒ Documents
☒ Foreign Search Report
☐ Other: _____

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| INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) | Attorney Docket No.: 2520-1050 | Application No.: 10/520401 NEW NATIONAL PHASE |
| | Applicant: Irene BOZZONI et al. | |
| | Filing Date: January 6, 2005 | Group Art Unit: |

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing date (if appropriate) |
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FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|--|---|
| | Laneve P.; "Purificazione e caratterizzazione di una nuova attivita endoribonucleolitica coinvolta nella biosintesi dei piccoli RNA nucleolari in X. laevis"; Thesis (2001), Department of Genetics and Molecular Biology, University of Rome, Rome, Italy. - & DATABASE EMBL [Online] Xenopus laevis mRNA for endoU protein, 5 September 2002 (2002-09-05) CAFFARELLI E.: Database accession no. AJ507315 XP002258141 the whole document |
| | CAFFARELLI E. ET AL.: "A novel Mn++-dependent Ribonuclease that functions in U16 SnoRNA processing in X. laevis" BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol. 233, 1997, pages 514-517, XP002258139 the whole document |
| | LANEVE P. ET AL.: "Purification, cloning, and characterization of XendoU, a novel Endoribonuclease involved in processing of intron-encoded small nucleolar RNAs in Xenopus laevis" THE JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 278, no. 15, 11 April 2003 (2003-04-11), pages 13026-13032, XP002258140 the whole document |
| | DATABASE EMBL [Online] 27 January 2001 (2001-01-27) CLIFTON S. ET AL.: "daa55d05.x1 Wellcome CRC pCS2+ st19-26 Xenopus laevis cDNA clone IMAGE: 4059704 3' similar to SW: PP11_HUMAN P21128 PLACENTAL PROTEIN 11 PRECURSOR; mRNA sequence" Database accession no. BG038970 XP002258195 the whole document |
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EXAMINER:

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

* English language abstract provided for the Examiner's convenience